



JAW

Patitioner's Docket No. IB-1833

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Derenzo, Stephen E.

Application No.: ~~10/662,977~~ 10/662,944 Group No.: 1755  
Filed: September 15, 2003 Examiner: Koslow, C.  
For: Codoped Direct-Gap Semiconductor Scintillators

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b)(3))

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed before the mailing date of a first Office action on the merits. 37 C.F.R. § 1.97(b)(3).

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PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/662,977 10/662,944
Filing Date	September 15, 2003
First Named Inventor	Stephen E. Derenzo
Art Unit	1755
Examiner Name	Koslow, C.
Attorney Docket Number	IB-1833

Total Number of Pages in This Submission

**ENCLOSURES** (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please Identify below):
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Charles R. Nold; Berkeley National Laboratory
Signature	<i>C R Nold</i>
Date	6/22/2004

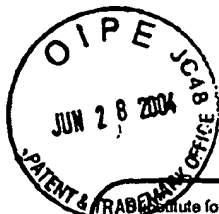
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/662,944
		Filing Date	9/15/2003
		First Named Inventor	Derenzo et al.
		Art Unit	1755
		Examiner Name	Koslow, C.
Sheet 1 of 1	Attorney Docket Number	IB-1833	

U.S. PATENT DOCUMENTS					
Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
		3,534,211	10/13/1970	Lehmann	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Lehmann, <i>Journal of the Electrochemical Society</i> , Volume 112, pp. 1150-1151, (1965)	
		Lehmann, <i>Solid-State Electronics</i> , Volume 9, pp. 1107-1110, (1966)	
		Luckey, <i>Nuclear Instruments and Methods</i> , Volume 62, pp. 119-120, (1968)	
		Wang, et al., <i>Chemical Material</i> , Volume 8, No. 2, pp. 433-439, (1996)	
		Thonke, et al., <i>Physica B</i> , Volume 308-310, pp. 945-948, (2001)	
		Zhang, et al., <i>Physical Review B</i> , Volume. 63, pp. 075205-1 - 075205-7, (2001)	
		Simpson, et al., <i>Nuclear Instruments and Methods in Physics Research</i> , Volume A505, pp. 82-84, (2003)	

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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